

Query Match 37.2%; Score 678.4; DB 4; Length 2061;
Best Local Similarity 97.8%; Pred. No. 2.8e-206;
Matches 704; Conservative 0; Mismatches 1; Indels 15; Gaps 1;

518 ctgagagctcctaactgtgcatgagatgaagcagcagcgaatactgaatgatt 577
1 CTGAGAGCTCTCAAAATCTGGTCATGATGAAGCGGACCGAATCTGAATGGAATT 60
578 tgagacagagttcaacaagatcctcaagatgattcctcgagatcgaaacattcct 637
61 TAGACAGAGGTTGACAG-----CCTCGAATGGAATCTGCTCT 105
638 cctcgacacatgacacagaaggttcaaaaacttcagcagcagctctgaagaatcctgt 697
106 CTCTGCACCATGACACAGAGTTCAAAACTTCAGGAGAGCTCGAAGAACTCCTGT 165
698 gaaatgtcgttctcctcaatacagacagtgaaaaatacagcgaattatattt 757
166 GAATGTGCGGTTCTCTTAATACGACAGAGTTGAAAAATTACGCAATATTATTTT 225
758 tattcctcaaatcaagaatacctacctggttattatctcaatgaattggctgaaa 817
226 TATTCCCTTAATTCAGAGATACCTGCTGTTATTTCTTAATGAATGGCTGGAAA 285
818 ctcccttatgatctcgcagcagcctgttaataatcaccagaagaacagcttgctacgc 877
286 CTCCTTATGATATTCTGACACACTGTAATAATACCAGAGAACCTTGTGCTACTGC 937
878 aactgtgctcactgacatccctccatcagcagaatagtgatgaagcctag 937
346 AAATCTTGCTTACATGCGCATCCCTCCATGAGCAAAATGAGTAGAGCCCTAGG 405
938 atcccttaaatgattaaagcgaagcgccttcacatctcttaagaactgagctgag 997
406 ATCCCTTAATTAATTAAGGCCAAGGCCCTGTCATTTCTTAGACACATGAGAGTGGCAG 465
998 ccgaggttggaatacctcatgtagatggtgtgcaacttggaattcctaccatc 1057
466 CCGAGGTTTGACATACCTCATGATGTTGTTGTCATTTTGACATTCCTACCCATTTC 525
1058 caagatatacatcatcagtagtgtagaacagctagagctgagcgcctcgaaagctat 1117
526 CAAGGATTACATTCATGAGTAGTCCAGACAGCTAGAGCTGGCGCTCCGGAAGGCTAT 585
1118 tactttgtcacacagtagatgtggaactctccagcgcatagaactaatttgaa 1177
586 TACTTTGTCACAGTATGATGTGAACTCTCCAGCGCTAGAACATTTAATTGGGAA 645
1178 gaaactacaggttttccacaacagagatgaggttagttagtctgacagaagcgctgc 1237
646 GAACACTACAGGTTTCCAAACAGAGATGATGATGATGCTGACAGAACGCGTCC 705

RESULT 2
US-09-039-773A-1
Sequence 1, Application US/09039773A

GENERAL INFORMATION:
PATENT NO. 6100388
APPLICANT: Casas, Ivan
APPLICANT: Joneson, Hans
APPLICANT: Williams, BO
APPLICANT: Roos, Stefan
TITLE OF INVENTION: Lactobacilli Harboring Aggregation and Mucin
TITLE OF INVENTION: Binding Genes As Vaccine Delivery Vehicles
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESS: Standley & Gilcrest
STREET: 495 Metro Place South, suite 210
CITY: Dublin
STATE: Ohio
COUNTRY: US

ZIP: 43017
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44MB storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS Version 6.22
SOFTWARE: Microsoft Word Version 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/039,773A
FILING DATE: 18-MAR-1998
CLASSIFICATION: 536
PRIOR APPLICATION DATA: No. 6100388 applicable
ATTORNEY/AGENT INFORMATION:
NAME: Donald O. Mickey
REGISTRATION NUMBER: 29,092
REFERENCE/DOCKET NUMBER: 1229-005
TELEPHONE: (614) 792-5536
TELEFAX: (614) 792-5536
TELEX: No. 6100388 applicable
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1800 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Double
TOPOLOGY: Circular
MOLECULE TYPE: Genomic DNA
DESCRIPTION: Genomic DNA sequence and deduced amino
DESCRIPTION: acid sequence of bacterial aggregation
HYPOTHETICAL: No
ANTI-SENSE: Yes
FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM: Lactobacillus reuteri sp
STRAIN: 1063
CELL TYPE: Unicellular organism

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Query Match 8.1%; Score 166.8; DB 3; Length 1800;
Best Local Similarity 49.9%; Pred. No. 6e-43;
Matches 514; Conservative 0; Mismatches 557; Indels 3; Gaps 1;

102 tttaagactggtgtgacagatggtgtgtgtggaactgagcagttggatgaca 161
187 TTTAGTGAATTAGGCTTATCCGATACCTATTAAAGCAATCAACGGGCGGATACGAA 246
162 aaaccacacagatccagatgtagatccttcttgcccttacaagtcgtatcat 221
247 GAAGCAACCCAAATTCAGAAACAAACGATTCATGATGTTGAGGTAGAGTATT 306
222 ggcgtgagaactggtcctggaagacagcgcccttgcttgccttccatctaaagca 281
307 GGTCAAGCAGACACTGGAACCTGTAAGACGCTGCTTTGGGTTGCCAATTATTGAAAAC 366
282 ctgctgagaccccgagaggttggcttgccttgaacttcaaccgactcgagagcgcc 341
367 GTTGATAGTGAATAATCCATATTCACAGCATTTATCATTCACCAACACGGAATTAGCG 426
342 ttccagatccagacagagttgaagccttgggtcctctatgtagtgagagtcgtg 401
427 ATCCAGACCAAGAGAACTTTATCTAGGTAAAGATTAACATGTTCCGCTGACGTA 486
402 atgtagtggaattgattgaatgtctcaactcttgcccttgcaaaaaaacacata 461
487 GTCTATGTTGGGCGAGATATTCGCGCCCAATTAAGAGCTTGAAACACACCCCAAT 546
462 ataatagaactcctgtgctgctgactgacacttggaatacgaagagtttcaactg 521
547 CTGTGGGGACCCCTGGACGTTACGTAACCATTTAACCGTATGACG---TTAACTT 603
522 agagctctcaataactgtgtagatgaagcagcaggaactgaatagatgattgag 581